

ABSTRACT OF THE DISCLOSURE

A surface acoustic wave device includes an input
interdigital transducer and an output interdigital transducer,
5 disposed on a surface acoustic wave propagation path of a
piezoelectric substrate, wherein when an aperture length of an
electrode finger of the input or output interdigital transducer
is denoted by X , the output or input interdigital transducer
has two divided interdigital transducers having the electrode
10 finger in which each aperture length is denoted by substantially
 $X/2$, wherein the two divided interdigital transducers are
serial-connected, and the electrodes of the respective electrode
fingers are led from the two divided interdigital transducers,
and are disposed so that two output and input signals connected
15 to a balance terminal pair have a different phase at 180° .